DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
	RCC Drain								
	From 0+000 to 0+500		2	500.00	1.25	0.10	125.00		
	From 0+500 to 1+000		2	500.00	1.25	0.10	125.00		
	From 1+000 to 1+500		2	500.00	1.25	0.10	125.00		
	From 1+500 to 1+700		2	200.00	1.25	0.10	50.00		
	From 1+700 to 1+975		2	275.00	1.25	0.10	68.75		
	100% of total Quantity						**493.75**		
	Cross Roads on the Road (42 Nos)								
			84	5.00	1.25	0.1	52.50		
	For culverts at cross Roads								
			42	7.00	1.7	0.15	74.97		
	For culverts crossing Main Road								
			3	15.00	1.9	0.15	12.83		
	Deduction for cross road Culvert		42	7.00	1.25	0.1	-36.75		
							597.30	**5746.26**	**3,432,212.37**
82	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to IS91 03-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height.	Cum							
	Page no 227 Item no.28.7.9								
	Drain Bottom Slab								
	From 0+000 to 0+500		2	500.00	1.05	0.15	157.50		
	From 0+500 to 1+000		2	500.00	1.05	0.15	157.50		
	From 1+000 to 1+500		2	500.00	1.05	0.15	157.50		
	From 1+500 to 1+700		2	200.00	1.05	0.15	63.00		
	From 1+700 to 1+975		2	275.00	1.05	0.15	86.63		
	100% of total Quantity						**622.13**		
	Cross Roads on the Road (42 Nos)								
	Bottom Slab		84	5.00	1.05	0.15	66.15		
	For culverts at cross Roads								
	Bottom Slab		42	7.00	1.40	0.225	92.61		
	For culverts crossing Main Road								
	Bottom Slab		3	15.00	1.70	0.25	19.13		
	Deduction for cross road Culvert		42	7.00	1.05	0.15	-46.31		
	Drain Side walls								
	LHS								
	From 0+000 to 0+500		2	500.00	0.15	0.90	135.00		
	From 0+500 to 1+000		2	500.00	0.15	0.90	135.00		
	From 1+000 to 1+500		2	500.00	0.15	0.90	135.00		
	From 1+500 to 1+700		2	200.00	0.15	0.90	54.00		
	From 1+700 to 1+975		2	275.00	0.15	0.90	74.25		
	RHS								
	From 0+000 to 0+500		2	500	0.15	0.90	135.00		
	From 0+500 to 1+000		2	500	0.15	0.90	135.00		
	From 1+000 to 1+500		2	500	0.15	0.90	135.00		
	From 1+500 to 1+700		2	200	0.15	0.90	54.00		
	From 1+700 to 1+975		2	275	0.15	0.90	74.25		
	100% of total Quantity						**1066.50**		
	Cross Roads on the Road (42 Nos)								
	Drain Side walls		168	5.00	0.15	0.90	113.40		
	For culverts at cross Roads								
	Culvert Side walls		84	7	0.20	0.90	105.84		
	For culverts crossing Main Road								
	Culvert Side walls		6	15.00	0.25	0.90	20.25		
	Deduction for cross road Culvert		42	7.00	0.15	0.90	-39.69		
	For Drain Cover Slabs								
	From 0+000 to 0+500		2	500.00	1.05	0.10	105.00		
	From 0+500 to 1+000		2	500.00	1.05	0.10	105.00		
	From 1+000 to 1+500		2	500.00	1.05	0.10	105.00		
	From 1+500 to 1+700		2	200.00	1.05	0.10	42.00		
	From 1+700 to 1+975		2	275.00	1.05	0.10	57.75		
	Cross Roads on the Road (42 Nos)		84	5.00	1.05	0.10	44.10		
	For culverts at cross Roads		42	7.00	1.40	0.225	92.61		
	For culverts crossing Main Road		3	15.00	1.70	0.250	19.13		
	Total Quantity						**2590.59**	**5483.38**	**14,205,189.39**

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
53	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500	**Tonne**							
	Page no 229 Item no.28.8.2								
	From 0+000 to 0+500		2	500		30.00	30000.00		
	From 0+500 to 1+000		2	500		30.00	30000.00		
	From 1+000 to 1+500		2	500		30.00	30000.00		
	From 1+500 to 1+700		2	200		30.00	12000.00		
	From 1+700 to 1+975		2	275		30.00	16500.00		
	100% of Quantity						**118500.00**		
	Cross Roads on the Road (42 Nos)		84	5		30.00	12600.00		
	For culverts at cross Roads		42	7		55.00	16170.00		
	For culverts crossing Main Road		3	15		55.00	2475.00		
	Deduction for cross road Culvert		42	7		30.00	-8740.00		
	Steel = 30kg/m at normal section and 55kg/m at cross roads						**141.01**	**72326.98**	**10,198,465.81**
54	Providing and laying 100mm thick pre-cast U-shaped RCC drains using M20 grade Concrete reinforced with steel @ 5 kg per Sqm Precast units and jointed in CM 1:3 proportion and neatly finished including cost of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700 With size of 450 mm x 600 mm inner dimensions	**m**							
	Page no 272 Item no.37.65.2								
	From 0+000 to 0+500		2	500			1000.00		
	From 0+500 to 1+000		2	500			1000.00		
	From 1+000 to 1+500		2	500			1000.00		
	From 1+500 to 1+700		2	200			400.00		
	From 1+700 to 1+975		2	275			550.00		
							3950.00	**2065.94**	**8,160,463.00**
55	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700.	**m**							
	Page no 272 Item no.37.66								
	From 0+000 to 0+500		2	500			1000.00		
	From 0+500 to 1+000		2	500			1000.00		
	From 1+000 to 1+500		2	500			1000.00		
	From 1+500 to 1+700		2	200			400.00		
	From 1+700 to 1+975		2	275			550.00		
							3950.00	**1145.86**	**4,526,147.00**
56	KSRRB M2200-1 Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications including cost of materials, labour, HOM complete as per specifications. MORTH Specification No.2706 & 2200(PW,P& IWTD SR 2018-19 P-229, I-28.10)	**Rmt**							
	Page no 229 Item no.28.10								
	From 0+000 to 0+500		2	33.33		0.15	10.00		
	From 0+500 to 1+000		2	33.33		0.15	10.00		
	From 1+000 to 1+500		2	33.33		0.15	10.00		
	From 1+500 to 1+700		2	13.33		0.15	4.00		
	From 1+700 to 1+975		2	18.33		0.15	5.50		
							39.50	**155.82**	**6,154.89**

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl No	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
	Cost for Construction of Roadside Drain								**41751478.28**
	Kerb and Footpath Improvement								
97	Providing and fixing pre cast solid cement concrete kerb stones made out of C. C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1 :3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	**Nos**							
	Page no 27 Item no.5.30								
	Precast Kerb								
	From 0+000 to 0+500		2	500.00			2223.00		
	From 0+500 to 1+000		2	500.00			2223.00		
	From 1+000 to 1+500		2	500.00			2223.00		
	From 1+500 to 1+700		2	200.00			889.00		
	From 1+700 to 1+975		2	275.00			1223.00		
							8781.00	**350.00**	**3,073,350.00**
98	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3	**Cum**							
	Page no 143 Item no.19.1								
	Left Footpath								
	From 0+000 to 0+500		1	500.00	2.05	0.36	369.00		
	From 0+500 to 1+000		1	500.00	1.70	0.36	306.00		
	From 1+000 to 1+500		1	500.00	2.13	0.36	383.40		
	From 1+500 to 1+700		1	200.00	4.98	0.36	358.56		
	From 1+700 to 1+975		1	275.00	1.30	0.36	128.70		
	Right Footpath								
	From 0+000 to 0+500		1	500.00	1.88	0.36	338.40		
	From 0+500 to 1+000		1	500.00	2.01	0.36	361.80		
	From 1+000 to 1+500		1	500.00	1.57	0.36	282.60		
	From 1+500 to 1+700		1	200.00	1.08	0.36	77.76		
	From 1+700 to 1+975		1	275.00	1.64	0.36	162.36		
							2768.58	**137.80**	**381,510.32**
99	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite I trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification	**Cum**							
	Page no 155 Item no.20.18								
	Left Footpath								
	From 0+000 to 0+500		1	500.00	2.05	0.20	205.00		
	From 0+500 to 1+000		1	500.00	1.70	0.20	170.00		
	From 1+000 to 1+500		1	500.00	2.13	0.20	213.00		
	From 1+500 to 1+700		1	200.00	4.98	0.20	199.20		
	From 1+700 to 1+975		1	275.00	1.30	0.20	71.50		
	Right Footpath								
	From 0+000 to 0+500		1	500.00	1.88	0.20	188.00		
	From 0+500 to 1+000		1	500.00	2.01	0.20	201.00		
	From 1+000 to 1+500		1	500.00	1.57	0.20	157.00		
	From 1+500 to 1+700		1	200.00	1.08	0.20	43.20		
	From 1+700 to 1+975		1	275.00	1.64	0.20	90.20		
	Total Quantity						**1538.10**		
	100% of Total Quantity considered						**1538.10**	**2001.28**	**3,078,168.77**

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
60	KSRB 14.6-1: Providing and laying **heavy duty cobble stones 60mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS	**Sqm**							
	Page no 103 Item no.14.6								
	Left Footpath								
	From 0+000 to 0+500		1	500.00	2.05		1025.00		
	From 0+500 to 1+000		1	500.00	1.70		850.00		
	From 1+000 to 1+500		1	500.00	2.13		1065.00		
	From 1+500 to 1+700		1	200.00	4.98		996.00		
	From 1+700 to 1+975		1	275.00	1.30		357.50		
	Right Footpath								
	From 0+000 to 0+500		1	500.00	1.88		940.00		
	From 0+500 to 1+000		1	500.00	2.01		1005.00		
	From 1+000 to 1+500		1	500.00	1.57		785.00		
	From 1+500 to 1+700		1	200.00	1.08		216.00		
	From 1+700 to 1+975		1	275.00	1.64		451.00		
	100% of Total quantity						**7690.50**	**900.00**	**6,921,450.00**
61	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PW,P& IWTD SR 2018-19 P-255, I-34.11)	**Cum**							
	Page no 255 Item no.34.11								
	Bottom of Kerb								
	From 0+000 to 0+500		2	500.00	0.15	0.1	15.00		
	From 0+500 to 1+000		2	500.00	0.15	0.1	15.00		
	From 1+000 to 1+500		2	500.00	0.15	0.1	15.00		
	From 1+500 to 1+700		2	200.00	0.15	0.1	6.00		
	From 1+700 to 1+975		2	275.00	0.15	0.1	8.25		
							59.25	**5599.98**	**331,798.82**
62	KSRRB M2200-5.1 Providing and laying cement concrete of mix 1:2:4 with OPC @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.63cum and fine aggregates @ 0.42cum including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per MORTH Section : 2200 & IS 456 a) upto 5mtr heigh~ (M-15) (PW,P& IWTD SR 2018-19 P-226, I-28.7.1)	Cum							
	End Block for holding Paver Blocks - Longitudinal								
	From 0+000 to 0+500		2	500.00	0.150	0.150	22.50		
	From 0+500 to 1+000		2	500.00	0.150	0.150	22.50		
	From 1+000 to 1+500		2	500.00	0.150	0.150	22.50		
	From 1+500 to 1+700		2	200.00	0.150	0.150	9.00		
	From 1+700 to 1+975		2	275.00	0.150	0.150	12.38		
	End Block for holding Paver Blocks - Vertical (LHS)								
	From 0+000 to 0+500		100	2.65	0.150	0.150	5.96		
	From 0+500 to 1+000		100	2.30	0.150	0.150	5.18		
	From 1+000 to 1+500		100	2.73	0.150	0.150	6.14		
	From 1+500 to 1+700		40	5.58	0.150	0.150	5.02		
	From 1+700 to 1+975		55	1.90	0.150	0.150	2.35		
	End Block for holding Paver Blocks - Vertical (RHS)								
	From 0+000 to 0+500		100	2.48	0.150	0.150	5.58		
	From 0+500 to 1+000		100	2.61	0.150	0.150	5.87		
	From 1+000 to 1+500		100	2.17	0.150	0.150	4.88		
	From 1+500 to 1+700		40	1.68	0.150	0.150	1.51		
	From 1+700 to 1+975		55	2.24	0.150	0.150	2.77		
	Vertical End Blocks at Every 5m Interval								
							134.15	**5746.26**	**770,844.98**

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
163	KSRRB M2200-5.15. Providing and laying Design mix M30 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to JS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum							
	i) Upto 5m height,								
	Page no 228 Item no.28.7.15								
	Driveway - Approach Section for Property	**2**	85	5.00	1.500	0.10	128		
							128	**5739.90**	**731,837.25**
164	KSRRB 800-1. **Painting two coats** after filling the surface with **synthetic enamel paint** in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm							
	Page no 184 Item no.24.26								
	Kerb Painting								
	From 0+000 to 0+500		2	500.00	0.265		265.00		
	From 0+500 to 1+000		2	500.00	0.265		265.00		
	From 1+000 to 1+500		2	500.00	0.265		265.00		
	From 1+500 to 1+700		2	200.00	0.265		106.00		
	From 1+700 to 1+975		2	275.00	0.265		145.75		
							1046.75	**84.80**	**88,764.40**
165	Providing and laying **reinforced cement concrete pipe NP3** for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300, MOST Specification No. 1000 / 2300. **300mm dia**	m							
	Page no 254 Item no.34.6.1								
	Left Footpath								
	From 0+000 to 0+500		1	50.00	2.65		133.00		
	From 0+500 to 1+000		1	50.00	2.30		115.00		
	From 1+000 to 1+500		1	50.00	2.73		137.00		
	From 1+500 to 1+700		1	20.00	5.58		112.00		
	From 1+700 to 1+975		1	27.50	1.90		53.00		
	Right Footpath								
	From 0+000 to 0+500		1	50.00	2.48		124.00		
	From 0+500 to 1+000		1	50.00	2.61		131.00		
	From 1+000 to 1+500		1	50.00	2.17		109.00		
	From 1+500 to 1+700		1	20.00	1.68		34.00		
	From 1+700 to 1+975		1	27.50	2.24		62.00		
	Inlet drain at every 10m C/C			**395.00**			**1010.00**	**1626.04**	**1,642,300.40**
166	KSRRB M300-20. Providing and fixing tree gaurd 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together complete as per specifications	Each							
			200				200.00		
	Tree guard for Existing Trees						**200.00**	**2,465.56**	**493,112.00**
	Cost for Kerb and Footpath Improvement								**17513136.93**
	Dismantling Work								
167	KSRRB M200-26. **Dismantling Kerb stone** by manual means and disposal of dismantled materials with all lifts and complete as per specifications. MORTH Specification No. 202	m							
	PWD SR Page no 141 item no.18.49								
	Precast Kerb								
	LHS		1	1975.00			1975.00		
	RHS		1	1975.00			1975.00		
							3950.00	**12.72**	**50,244.00**

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl No	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
6B	KSRRB M200-15.1. **Dismantling of existing structures** like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. **(a) Dismantling Stone Masonry. A. Rubble Stone masonry in cement mortar.** MORTH Specification No. 202	**Cum**						357	
	PWD SR Page no 140 item no.18.27								
	LHS		1.00	1975.00	0.45	0.70	622.13		
	RHS		1.00	1975.00	0.45	0.70	622.13		
							1244.25	**372.06**	**462,935.66**
6B	KSRRB M200-14.2. **Dismantling of existing structures** like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. **Dismantling brick / Tile work B. In cement mortar.** MORTH Specification No. 202	**Cum**						351.50	
	PWD SR Page no 139 item no.18.23								
	LHS		1.00	1000.00	2.00	0.10	200.00		
	RHS		1.00	1000.00	2.00	0.10	200.00		
							400.00	**372.06**	**148,824.00**
7B	KSRRB M200-25. Dismantling of guard rails by manual means and disposal of dismantled materials with all lifts and stacking serviceable materials and unserviceable materials separately complete as per specifications. MORTH Specification No. 202	**m**							
	LHS		1	500.00			500.00		
	RHS		1	500.00			500.00		
							1000.00	**92.22**	**92,220.00**
7H	KSRRB M200-32. **Removal of Telephone / Electric poles** including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and stacking the serviceable and unserviceable material separately complete as per specifications. MORTH Specification No. 202	**Nos**						217	
	PWD SR Page no 141 item no.18.57								
	STREET LIGHT		84.00				84.00		
							84.00	**230.02**	**19,321.68**
7D	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301	**Cum**							
	Excavation of roadway								
	From 0+000 to 0+500		2	500.00	1.50	0.28	412.50		
	From 0+500 to 1+000		2	500.00	1.50	0.28	412.50		
	From 1+000 to 1+500		2	500.00	1.50	0.28	412.50		
	From 1+500 to 1+700		2	200.00	1.50	0.28	165.00		
	From 1+700 to 1+975		2	275.00	1.50	0.28	226.88		
	Excavation for Cross Ducts								
	From 0+000 to 0+500		6	10.50	1.25	1.20	94.50		
	From 0+500 to 1+000		5	10.50	1.25	1.20	78.75		
	From 1+000 to 1+500		5	10.50	1.25	1.20	78.75		
	From 1+500 to 1+700		2	10.50	1.25	1.20	31.50		
	From 1+700 to 1+975		3	10.50	1.25	1.20	47.25		
	Crossing Duct Chamber		42	2.00	1.30	1.45	158.34		
	Excavation for Utility lines								
	POWER/OFC Access Chamber, 100m C/C		40	1.40	2.40	1.50	201.60		
			80	1.15	1.15	1.50	158.70		
	For Power & OFC Line (HDPE Pipes) (LHS and RHS)								
	From 0+000 to 0+500		2	500.00	1.00	0.98	975.00		
	From 0+500 to 1+000		2	500.00	1.00	0.98	975.00		
	From 1+000 to 1+500		2	500.00	1.00	0.98	975.00		

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS

Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
	From 1+500 to 1+700		2	200.00	1.00	0.98	390.00		
	From 1+700 to 1+975		2	275.00	1.00	0.98	536.25		
	Excavation for rainharvesting pits								
	From 0+000 to 0+500		2	17.00	1.54	1.80	94.22		
	From 0+500 to 1+000		2	17.00	1.54	1.80	94.22		
	From 1+000 to 1+500		2	17.00	1.54	1.80	94.22		
	From 1+500 to 1+700		2	7.00	1.54	1.80	38.80		
	From 1+700 to 1+975		2	10.00	1.54	1.80	55.42		
	Excavation for RCC Drain								
	From 0+000 to 0+500		2	500.00	1.25	1.15	1437.50		
	From 0+500 to 1+000		2	500.00	1.25	1.15	1437.50		
	From 1+000 to 1+500		2	500.00	1.25	1.15	1437.50		
	From 1+500 to 1+700		2	200.00	1.25	1.15	575.00		
	From 1+700 to 1+975		2	275.00	1.25	1.15	790.63		
	Cross Roads on the Road (42 Nos)		84	5.00	1.25	1.15	603.75		
	Excavation for Footpath improvement								
	Left Footpath								
	From 0+000 to 0+500		1	500.00	2.05	0.36	369.00		
	From 0+500 to 1+000		1	500.00	1.70	0.36	306.00		
	From 1+000 to 1+500		1	500.00	2.13	0.36	383.40		
	From 1+500 to 1+700		1	200.00	4.98	0.36	358.56		
	From 1+700 to 1+975		1	275.00	1.30	0.36	128.70		
	Right Footpath						0.00		
	From 0+000 to 0+500		1	500.00	1.88	0.36	338.40		
	From 0+500 to 1+000		1	500.00	2.01	0.36	361.80		
	From 1+000 to 1+500		1	500.00	1.57	0.36	282.60		
	From 1+500 to 1+700		1	200.00	1.08	0.36	77.76		
	From 1+700 to 1+975		1	275.00	1.64	0.36	162.36		
							15757.36	**34.98**	**551,192.42**
75	KSRRB M-100-1 Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.MORTH -100 / Chapter 1	**cum**							
	Millied material								
	From 0+000 to 0+500		1	500	7.5	0.055	206.25		
	From 0+500 to 1+000		1	500	7.5	0.055	206.25		
	From 1+000 to 1+500		1	500	7.5	0.055	206.25		
	From 1+500 to 1+700		1	200	7.5	0.055	82.50		
	From 1+700 to 1+975		1	275	7.5	0.055	113.44		
	30% of total Quanitity						**244.41**		
	Scarrified material								
	From 0+000 to 0+500		2	500.00	1.50	0.075	112.50		
	From 0+500 to 1+000		2	500.00	1.50	0.075	112.50		
	From 1+000 to 1+500		2	500.00	1.50	0.075	112.50		
	From 1+500 to 1+700		2	200.00	1.50	0.075	45.00		
	From 1+700 to 1+975		2	275.00	1.50	0.075	61.88		
	Reconstruction Section (1500m length)		1	1500.00	1.20	0.075	135.00		
	Cross Roads on the Road (42 Nos)		42	20.00	7.50	0.075	472.50		
	Approach Improvement		2	20.00	12.00	0.075	36.00		
							3263.63		
	From 0+000 to 0+500		2	500.00	1.50	0.15	225.00		
	From 0+500 to 1+000		2	500.00	1.50	0.15	225.00		
	From 1+000 to 1+500		2	500.00	1.50	0.15	225.00		
	From 1+500 to 1+700		2	200.00	1.50	0.15	90.00		
	From 1+700 to 1+975		2	275.00	1.50	0.15	123.75		
	Reconstruction Section (1500m length)		1	1500.00	1.20	0.15	270.00		
	Disposal of Kerb stones								
	LHS		1	1975.00	0.14	0.40	110.60		
	RHS		1	1975.00	0.14	0.40	110.60		
	Disposal of Rubble stone masonry								
	LHS		1	1975.00	0.45	0.70	622.13		
	RHS		1	1975.00	0.45	0.70	622.13		
							2624.20		
							6132.23		
							15757.36		
	Loading and Unloading of Unserviceble soil(Item No.77)						**21889.59**	**57.00**	**1,247,706.65**
76	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-1 : Surface Road	**cum**							
	Unserviceble soil and millied material						**21889.59**		

DETAILED QUANTITY CALCULATION & COST ESTIMATE FOR ROAD WORKS									
Sl NO	Description	Unit	No.	Length,m	Width,m	Depth, m	Quantity	Rate	Amount
							21889.59	64.00	1,400,933.79
	Cost for Dismantling Work								3973378.20